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Product Datasheet

EliKine Free Thyroxine (fT4) ELISA Kit BYT-ORB3145585

Article Name	EliKine Free Thyroxine (fT4) ELISA Kit
Biozol Catalog Number	BYT-ORB3145585
Supplier Catalog Number	orb3145585
Alternative Catalog Number	BYT-ORB3145585-48, BYT-ORB3145585-96
Manufacturer	Biorbyt
Category	Kits/Assays
Application	ELISA
Species Reactivity	Bovine, Canine, Gallus, Goat, Human, Monkey, Mouse, Porcine, Rabbit, Rat, Sheep
Product Description	EliKine fT4 ELISA Kit employs a competitive ELISA to quantitate fT4....
Range	4 pmol/L-64 pmol/L
Sensitivity	4.0 pmol/L
Samples	SerumPlasmaOther biological fluids

Application Notes

Application Notes: EliKine fT4 ELISA Kit employs the competitive inhibition enzyme immunoassay technique. The microtiter plate provided in this kit has been pre-coated with an antibody specific to fT4. Standards or samples are added to the appropriate microtiter plate wells with Biotin-conjugated fT4. A competitive inhibition reaction is launched between fT4 (Standards or samples) and Biotin-conjugated fT4 with the pre-coated antibody specific for fT4. The more amount of fT4 in samples, the less antibody bound by Biotin-conjugated fT4. After washing, avidin conjugated Horseradish Peroxidase (HRP) is added to the wells. Substrate solution is added to the wells and the color develops in opposite to the amount of fT4 in the sample. The color development is stopped and the intensity of the color is measured